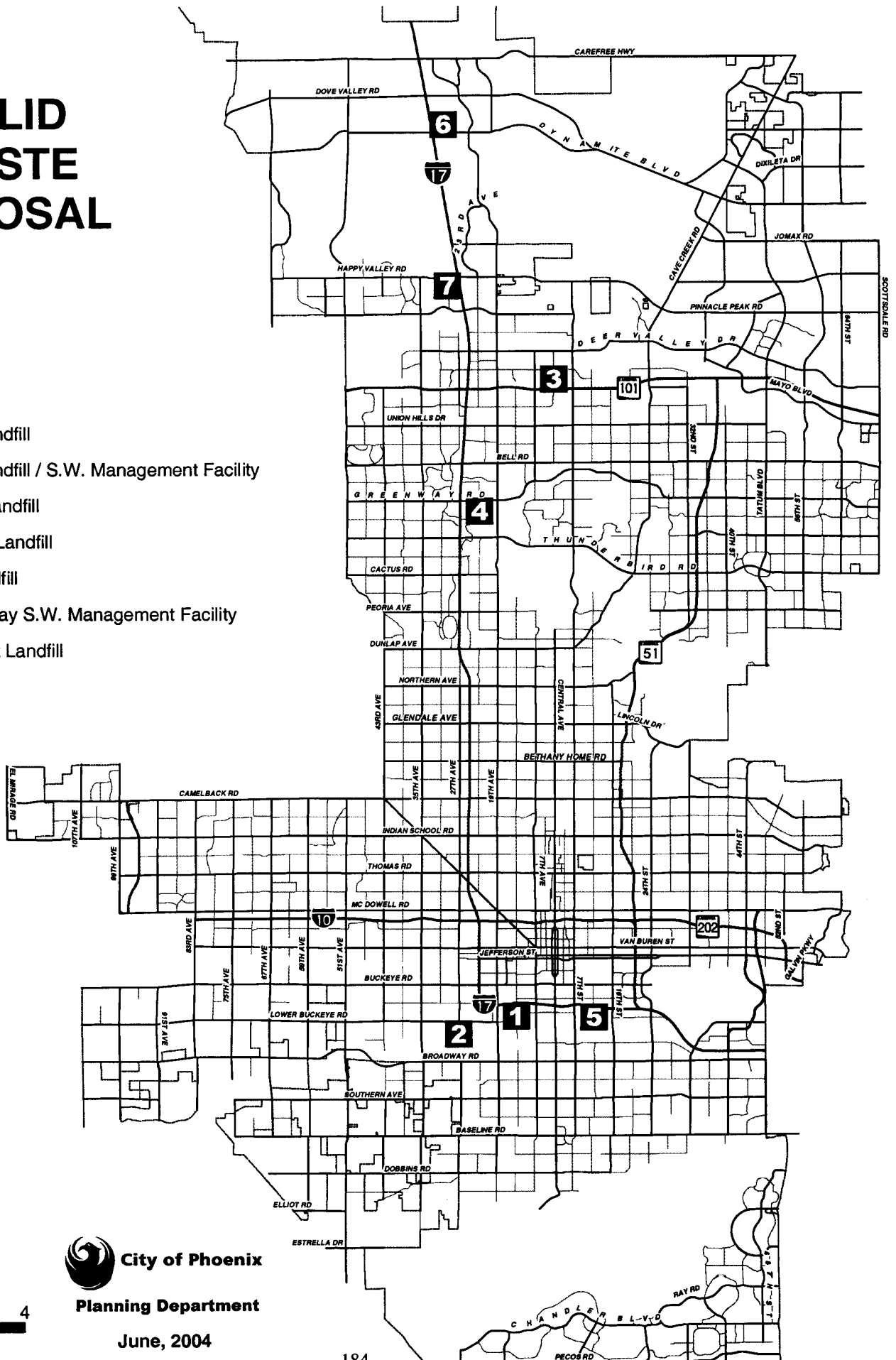


SOLID WASTE DISPOSAL

- 1** 19th Ave Landfill
- 2** 27th Ave Landfill / S.W. Management Facility
- 3** Beardsley Landfill
- 4** Deer Valley Landfill
- 5** Del Rio Landfill
- 6** North Gateway S.W. Management Facility
- 7** Skunk Creek Landfill



City of Phoenix

Planning Department

June, 2004

Solid Waste Disposal

The \$125.8 million Solid Waste Disposal program includes projects at the City's landfills and is funded with Solid Waste Disposal revenue, Solid Waste Remediation funds, and lease-purchase funds.

Projects at the Skunk Creek Landfill include methane gas extraction systems, landscaping and lining. Improvements to the 19th Avenue Landfill include landscaping, final capping and a methane gas collection system. Projects at the 27th Avenue Landfill include transfer station hopper and floor repairs, painting and landscaping. In addition, the Solid Waste Disposal program includes land acquisition and cell excavation for a new landfill, construction of the North Transfer Station and the purchase of Solid Waste vehicles.

2004-2009 CAPITAL IMPROVEMENT PROGRAM

**Solid Waste Disposal
Capital Improvement Program Summary**

Project Summary	2004-05	2005-06	2006-07	2007-08	2008-09	Total
19th Avenue Landfill	\$ 2,344,000	\$ 1,072,808	\$ 939,508	\$ 979,888	\$ 1,217,348	\$ 6,553,552
27th Avenue Landfill	507,000	908,480	-	1,500,000	826,080	3,741,560
Deer Valley Landfill	53,088	69,593	73,480	76,780	80,080	353,021
Del Rio Landfill	100,000	173,680	349,000	-	197,080	819,760
New Landfill	22,593,965	4,008,000	4,388,400	12,534,600	11,828,000	55,352,965
North Transfer Station	23,563,032	-	-	-	-	23,563,032
Skunk Creek Landfill	7,878,298	13,008,600	558,400	2,182,400	937,494	24,565,192
Vehicles	10,000,000	-	-	-	-	10,000,000
Percent for Art	885,000	-	-	-	-	885,000
Total	\$ 67,924,383	\$ 19,241,161	\$ 6,308,788	\$ 17,273,668	\$ 15,086,082	\$ 125,834,082

Source of Funds

Operating Funds

Solid Waste Operating	\$ 4,785,088	\$ 2,250,000	\$ 2,500,000	\$ 2,750,000	\$ 3,000,000	\$ 15,285,088
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Other Financing

Lease Purchase	\$ 60,795,295	\$ 15,918,353	\$ 2,869,280	\$ 13,543,780	\$ 10,868,734	\$ 103,995,442
Solid Waste Remediation	2,344,000	1,072,808	939,508	979,888	1,217,348	6,553,552
Total Other Financing	\$ 63,139,295	\$ 16,991,161	\$ 3,808,788	\$ 14,523,668	\$ 12,086,082	\$ 110,548,994

Total Sources of Funds	\$ 67,924,383	\$ 19,241,161	\$ 6,308,788	\$ 17,273,668	\$ 15,086,082	\$ 125,834,082
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City of Phoenix, Arizona
2004-2009 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
AR70100002	SOLID WASTE TEMPORARY VIEWING DISPLAY	Function: Percent for Art				District: 7	
Design and fabricate an interactive display at the 27th Avenue Solid Waste Management Facility.							
Construction		150,000	-	-	-	-	150,000
Project Total		\$150,000	-	-	-	-	\$150,000
Solid Waste Lease Purchase		150,000	-	-	-	-	150,000
Funding Total		\$150,000	-	-	-	-	\$150,000
AR70100003	TEMPORARY ARTWORK - 27TH AVE	Function: Percent for Art				District: 7	
Commission temporary artworks for display at the 27th Avenue Solid Waste Management Facility.							
Equipment or Other		45,000	-	-	-	-	45,000
Project Total		\$45,000	-	-	-	-	\$45,000
Solid Waste Lease Purchase		45,000	-	-	-	-	45,000
Funding Total		\$45,000	-	-	-	-	\$45,000
AR70100004	SOLID WASTE PERCENT FOR ART	Function: Percent for Art				District: Citywide	
Acquire artwork for Solid Waste projects.							
Construction		500,000	-	-	-	-	500,000
Project Total		\$500,000	-	-	-	-	\$500,000
Solid Waste Lease Purchase		500,000	-	-	-	-	500,000
Funding Total		\$500,000	-	-	-	-	\$500,000
AR70100005	CENTER FOR ENV LEARNING & ENTERPRISE	Function: Percent for Art				District: 7	
Develop artwork at the Center for Environmental Learning and Enterprise (CELE).							
Construction		100,000	-	-	-	-	100,000
Project Total		\$100,000	-	-	-	-	\$100,000
Solid Waste Lease Purchase		100,000	-	-	-	-	100,000
Funding Total		\$100,000	-	-	-	-	\$100,000
AR70100006	PORTABLE WORKS PHOTO COMPETITION	Function: Percent for Art				District: Citywide	
Facilitate a citywide photography competition and exhibition for Phoenix high school students.							
Construction		10,000	-	-	-	-	10,000
Project Total		\$10,000	-	-	-	-	\$10,000
Solid Waste Lease Purchase		10,000	-	-	-	-	10,000
Funding Total		\$10,000	-	-	-	-	\$10,000
AR70100007	SKUNK CREEK RECREATION AREA	Function: Percent for Art				District: 1	
Provides an opportunity for artist participation in the design of recreational elements and artwork at the Skunk Creek Landfill.							
Construction		80,000	-	-	-	-	80,000
Project Total		\$80,000	-	-	-	-	\$80,000
Solid Waste Lease Purchase		80,000	-	-	-	-	80,000
Funding Total		\$80,000	-	-	-	-	\$80,000

City of Phoenix, Arizona
2004-2009 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
PW16510001	DEL RIO L/F GROUNDWATER MONITORING	Function: Del Rio Landfill			District: Citywide		
	Groundwater testing and maintenance						
Construction		-	173,680	-	-	197,080	370,760
Project Total		-	\$173,680	-	-	\$197,080	\$370,760
Solid Waste Lease Purchase		-	173,680	-	-	197,080	370,760
Funding Total		-	\$173,680	-	-	\$197,080	\$370,760
PW16510003	DEL RIO - FINAL GRADE	Function: Del Rio Landfill			District: Citywide		
	Purchase cover soil and fill low areas to provide proper drainage for settled landfill areas.						
Construction		100,000	-	349,000	-	-	449,000
Project Total		\$100,000	-	\$349,000	-	-	\$449,000
Solid Waste Lease Purchase		100,000	-	349,000	-	-	449,000
Funding Total		\$100,000	-	\$349,000	-	-	\$449,000
PW16520001	19TH AVENUE - FLOOD PROTECTION	Function: 19th Avenue Landfill			District: Citywide		
	Maintain dikes with soil cement bank protection to prevent flood erosion along the Salt River.						
Construction		265,000	371,408	388,088	404,768	421,448	1,850,712
Project Total		\$265,000	\$371,408	\$388,088	\$404,768	\$421,448	\$1,850,712
Solid Waste Remediation Funds		265,000	371,408	388,088	404,768	421,448	1,850,712
Funding Total		\$265,000	\$371,408	\$388,088	\$404,768	\$421,448	\$1,850,712
PW16520002	19TH AVENUE - FINAL CAPPING	Function: 19th Avenue Landfill			District: Citywide		
	Maintain soil cap material to final landfill elevations.						
Construction		276,000	387,440	404,840	422,240	439,640	1,930,160
Project Total		\$276,000	\$387,440	\$404,840	\$422,240	\$439,640	\$1,930,160
Solid Waste Remediation Funds		276,000	387,440	404,840	422,240	439,640	1,930,160
Funding Total		\$276,000	\$387,440	\$404,840	\$422,240	\$439,640	\$1,930,160
PW16520003	19TH AVENUE - GROUNDWATER MONITORING	Function: 19th Avenue Landfill			District: Citywide		
	Groundwater testing and maintenance.						
Construction		-	173,680	-	-	197,080	370,760
Project Total		-	\$173,680	-	-	\$197,080	\$370,760
Solid Waste Remediation Funds		-	173,680	-	-	197,080	370,760
Funding Total		-	\$173,680	-	-	\$197,080	\$370,760
PW16520004	19TH AVENUE - ENVIRONMENTAL	Function: 19th Avenue Landfill			District: Citywide		
	Environmental cleanup at the 19th Avenue Landfill.						
Construction		83,000	-	-	-	-	83,000
Project Total		\$83,000	-	-	-	-	\$83,000
Solid Waste Remediation Funds		83,000	-	-	-	-	83,000
Funding Total		\$83,000	-	-	-	-	\$83,000

City of Phoenix, Arizona
2004-2009 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
PW16520005	19TH AVENUE - GROUNDWATER REMEDIATION	Function: 19th Avenue Landfill				District: Citywide	
	Contingency for groundwater remediation at the 19th Avenue Landfill.						
Construction		1,500,000	-	-	-	-	1,500,000
Project Total		\$1,500,000	-	-	-	-	\$1,500,000
Solid Waste Remediation Funds		1,500,000	-	-	-	-	1,500,000
Funding Total		\$1,500,000	-	-	-	-	\$1,500,000
PW16520006	19TH AVENUE - METHANE GAS SYSTEM	Function: 19th Avenue Landfill				District: Citywide	
	Maintain the methane gas collection system at the 19th Avenue Landfill.						
Construction		100,000	140,280	146,580	152,880	159,180	698,920
Project Total		\$100,000	\$140,280	\$146,580	\$152,880	\$159,180	\$698,920
Solid Waste Remediation Funds		100,000	140,280	146,580	152,880	159,180	698,920
Funding Total		\$100,000	\$140,280	\$146,580	\$152,880	\$159,180	\$698,920
PW16520007	19TH AVENUE - REMEDIATION DESIGN	Function: 19th Avenue Landfill				District: Citywide	
	Design remediation projects at the 19th Avenue Landfill.						
Construction		120,000	-	-	-	-	120,000
Project Total		\$120,000	-	-	-	-	\$120,000
Solid Waste Remediation Funds		120,000	-	-	-	-	120,000
Funding Total		\$120,000	-	-	-	-	\$120,000
PW16530001	27TH AVENUE - METHANE GAS SYSTEM	Function: 27th Avenue Landfill				District: Citywide	
	Maintain the methane gas collection system at the 27th Avenue Landfill.						
Construction		-	-	-	-	250,000	250,000
Project Total		-	-	-	-	\$250,000	\$250,000
Solid Waste Lease Purchase		-	-	-	-	250,000	250,000
Funding Total		-	-	-	-	\$250,000	\$250,000
PW16530002	27TH AVE GROUNDWATER MONITOR	Function: 27th Avenue Landfill				District: Citywide	
	Groundwater testing and maintenance.						
Construction		-	400,800	-	-	-	400,800
Project Total		-	\$400,800	-	-	-	\$400,800
Solid Waste Lease Purchase		-	400,800	-	-	-	400,800
Funding Total		-	\$400,800	-	-	-	\$400,800
PW16530005	27TH AVENUE - LANDSCAPING	Function: 27th Avenue Landfill				District: Citywide	
	Landscape the 27th Avenue Landfill and maintain the soil cap.						
Construction		250,000	334,000	-	-	379,000	963,000
Project Total		\$250,000	\$334,000	-	-	\$379,000	\$963,000
Solid Waste Lease Purchase		-	334,000	-	-	379,000	713,000
Solid Waste Disposal Operating		250,000	-	-	-	-	250,000
Funding Total		\$250,000	\$334,000	-	-	\$379,000	\$963,000

City of Phoenix, Arizona
2004-2009 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
PW16550001	DEER VALLEY - METHANE GAS SYSTEM	Function: Deer Valley Landfill				District: Citywide	
Maintain the methane gas control system at the Deer Valley Landfill.							
Construction		53,088	69,593	73,480	76,780	80,080	353,021
Project Total		\$53,088	\$69,593	\$73,480	\$76,780	\$80,080	\$353,021
Solid Waste Lease Purchase		-	69,593	73,480	76,780	80,080	299,933
Solid Waste Disposal Operating		53,088	-	-	-	-	53,088
Funding Total		\$53,088	\$69,593	\$73,480	\$76,780	\$80,080	\$353,021
PW16600001	SKUNK CREEK - METHANE GAS SYSTEM	Function: Skunk Creek Landfill				District: Citywide	
Construct a methane gas extraction system for the Skunk Creek Landfill.							
Construction		4,641,298	4,482,000	-	-	-	9,123,298
Project Total		\$4,641,298	\$4,482,000	-	-	-	\$9,123,298
Solid Waste Lease Purchase		4,391,298	4,482,000	-	-	-	8,873,298
Solid Waste Disposal Operating		250,000	-	-	-	-	250,000
Funding Total		\$4,641,298	\$4,482,000	-	-	-	\$9,123,298
PW16610001	SKUNK CREEK LANDFILL GROUNDWATER MONITOR	Function: Skunk Creek Landfill				District: Citywide	
Groundwater testing and maintenance.							
Construction		-	400,800	-	-	454,800	855,600
Project Total		-	\$400,800	-	-	\$454,800	\$855,600
Solid Waste Lease Purchase		-	400,800	-	-	454,800	855,600
Funding Total		-	\$400,800	-	-	\$454,800	\$855,600
PW16630001	SKUNK CREEK - LINE AND CAP CELL 6	Function: Skunk Creek Landfill				District: Citywide	
Line and cap Cell 6 at the Skunk Creek Landfill.							
Construction		683,600	6,225,000	488,600	509,600	406,894	8,313,694
Project Total		\$683,600	\$6,225,000	\$488,600	\$509,600	\$406,894	\$8,313,694
Solid Waste Lease Purchase		458,600	6,225,000	488,600	509,600	406,894	8,088,694
Solid Waste Disposal Operating		225,000	-	-	-	-	225,000
Funding Total		\$683,600	\$6,225,000	\$488,600	\$509,600	\$406,894	\$8,313,694
PW16640002	SKUNK CREEK - LANDSCAPING	Function: Skunk Creek Landfill				District: Citywide	
Install fencing and landscaping at the Skunk Creek Landfill.							
Construction		53,400	400,800	69,800	72,800	75,800	672,600
Project Total		\$53,400	\$400,800	\$69,800	\$72,800	\$75,800	\$672,600
Solid Waste Lease Purchase		53,400	400,800	69,800	72,800	75,800	672,600
Funding Total		\$53,400	\$400,800	\$69,800	\$72,800	\$75,800	\$672,600
PW16640004	SKUNK CREEK-GAS MONITORING & MAINTENANCE	Function: Skunk Creek Landfill				District: Citywide	
Monitor and maintain the Skunk Creek Landfill methane gas systems.							
Construction		-	1,500,000	-	1,600,000	-	3,100,000
Project Total		-	\$1,500,000	-	\$1,600,000	-	\$3,100,000
Solid Waste Lease Purchase		-	1,500,000	-	1,600,000	-	3,100,000
Funding Total		-	\$1,500,000	-	\$1,600,000	-	\$3,100,000

City of Phoenix, Arizona
2004-2009 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
PW16640005	SKUNK CREEK LANDFILL						
	Function: Skunk Creek Landfill						
	District: Citywide						
	Acquire additional fill dirt for the Skunk Creek Landfill.						
Construction		2,500,000	-	-	-	-	2,500,000
Project Total		\$2,500,000	-	-	-	-	\$2,500,000
Solid Waste Disposal Operating		2,500,000	-	-	-	-	2,500,000
Funding Total		\$2,500,000	-	-	-	-	\$2,500,000
PW16700002	NORTH TRANSFER STATION						
	Function: North Transfer Station						
	District: Citywide						
	Design and build the new North Transfer Station and Recycling Center.						
	Estimated full-year ongoing operating costs: \$3,900,000						
Construction		23,563,032	-	-	-	-	23,563,032
Project Total		\$23,563,032	-	-	-	-	\$23,563,032
Solid Waste Lease Purchase		23,563,032	-	-	-	-	23,563,032
Funding Total		\$23,563,032	-	-	-	-	\$23,563,032
PW16700003	27TH AVE TRANSFER STATION - PAINTING						
	Function: 27th Avenue Transfer Station						
	District: Citywide						
	Paint the 27th Avenue Landfill Solid Waste Transfer Station.						
Construction		-	-	-	1,500,000	-	1,500,000
Project Total		-	-	-	\$1,500,000	-	\$1,500,000
Solid Waste Lease Purchase		-	-	-	1,500,000	-	1,500,000
Funding Total		-	-	-	\$1,500,000	-	\$1,500,000
PW16700004	27TH AVENUE - HOPPERS AND FLOOR						
	Function: 27th Avenue Transfer Station						
	District: Citywide						
	Repair the 27th Avenue Landfill Solid Waste Transfer Station hopper and resurface damaged portions of the floor.						
Construction		257,000	173,680	-	-	197,080	627,760
Project Total		\$257,000	\$173,680	-	-	\$197,080	\$627,760
Solid Waste Lease Purchase		-	173,680	-	-	197,080	370,760
Solid Waste Disposal Operating		257,000	-	-	-	-	257,000
Funding Total		\$257,000	\$173,680	-	-	\$197,080	\$627,760
PW16810001	NEW LANDFILL - CELL EXCAVATION						
	Function: New Landfill						
	District: Citywide						
	New landfill cell excavation and lining.						
Construction		13,146,994	4,008,000	4,388,400	12,534,600	11,828,000	45,905,994
Project Total		\$13,146,994	\$4,008,000	\$4,388,400	\$12,534,600	\$11,828,000	\$45,905,994
Solid Waste Lease Purchase		11,896,994	1,758,000	1,888,400	9,784,600	8,828,000	34,155,994
Solid Waste Disposal Operating		1,250,000	2,250,000	2,500,000	2,750,000	3,000,000	11,750,000
Funding Total		\$13,146,994	\$4,008,000	\$4,388,400	\$12,534,600	\$11,828,000	\$45,905,994
PW17800001	NEW LANDFILL - ACQUIRE LAND						
	Function: New Landfill						
	District: Citywide						
	Acquire and develop a site for the new landfill.						
Construction		9,446,971	-	-	-	-	9,446,971
Project Total		\$9,446,971	-	-	-	-	\$9,446,971
Solid Waste Lease Purchase		9,446,971	-	-	-	-	9,446,971
Funding Total		\$9,446,971	-	-	-	-	\$9,446,971

City of Phoenix, Arizona
2004-2009 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2004-05	2005-06	2006-07	2007-08	2008-09	Total
PW19980000	LP VEHICLES						
		Function: Vehicles				District: Citywide	
	Lease purchase Solid Waste fleet vehicles.						
	Construction	10,000,000	-	-	-	-	10,000,000
	Project Total	\$10,000,000	-	-	-	-	\$10,000,000
	Solid Waste Lease Purchase	10,000,000	-	-	-	-	10,000,000
	Funding Total	\$10,000,000	-	-	-	-	\$10,000,000